



Docket No.: M4065.0196/P196

(PATENT)

AUG 22 2001

RECEIVED
TECHNOLOGY CENTER 2800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Shane P. Leiphart

Application No.: 09/371,955

Group Art Unit: 2811

Filed: August 11, 1999

Examiner: D. Kang

For: ENHANCED BARRIER LINER
FORMATION FOR VIAS

9/3 (N)
F Jones

8-23-01

10-29-01
Payton

AMENDMENT UNDER 37 CFR 1.116

Box AF
Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the Office Action dated May 18, 2001, finally rejecting the claims, please amend the above-identified U.S. Patent application as follows:

In the Claims

Please replace the currently pending claims with the respective amended claims

Subt C below.

26. (Twice Amended) A semiconductor device, comprising:
a metallic layer over a substrate;
an antireflective coating over said metallic layer;
a dielectric layer over said antireflective coating;
a via hole extending through the dielectric layer and said antireflective coating to a surface of the metallic layer;
a preformed titanium aluminide layer lining at least a bottom of the via hole; and

AF/2811

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 09/371,955

Filing Date August 11, 1999

First Named Inventor Shane P. Leiphart

Group Art Unit 2811

Examiner Name D. Kang

Attorney Docket Number M4065.0196/P196

RECEIVED
TECHNOLOGY CENTER 2000
AUG 22 2001**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Mark Thronson Reg. No. 33,082
Signature	
Date	August 20, 2001